

FORM PTO-1449

U. S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 013711-6

10/009,884

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Hiroyuki ONISHI, et al.

FILING DATE

GROUP

November 13, 2001

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
AA						
AB						

## FOREIGN PATENT DOCUMENTS

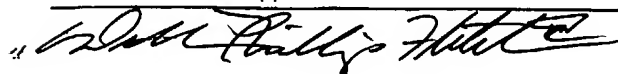
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WPF	AD	1	1	2	7	7	9	2	4	10/1999	JP			X	
WPF	AE	1	1	2	7	9	4	4	1	10/1999	JP			X	
WPF	AF	1	0	2	9	1	3	7	7	11/1998	JP			X	
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WPF	AI		0	4	0	6	7	6	1	1/1991	EP			X	
WPF	AJ	1	1	2	9	1	6	2	3	10/1999	JP			X	

## OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

WPF	AK	Patent Abstracts of Japan including translation of the abstract, specification and claims
		Publication number 11-279440 dated October 12, 1999
	AL	Patent Abstracts of Japan including translation of the abstract, specification and claims
		Publication number 11-277924 dated October 12, 1999
	AM	Patent Abstracts of Japan including translation of the abstract, specification and claims
		Publication number 11-279441 dated October 12, 1999
	AN	Patent Abstracts of Japan including translation of the abstract, specification and claims
		Publication number 10-291377 dated November 4, 1998
	AO	Patent Abstracts of Japan including translation of the abstract, specification and claims
		Publication number 09-048180 dated February 18, 1997
	AP	Patent Abstracts of Japan including translation of the abstract, specification and claims
		Publication number 07-041726 dated February 10, 1995
	AR	Patent Abstracts of Japan including translation of the abstract, specification and claims
		Publication number 11-291623 dated October 26, 1999

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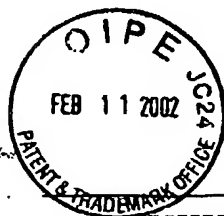
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WPF	AD	6	2	1	7	0	3	8	2		7/1987	JP					X
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WPF	AJ		6	1	4	7	2	8	4		3/1986	JP					X
	AK																

## OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

WPF	AL	Patent Abstracts of Japan Publication number 62-170382 dated July 27, 1987
	AM	Patent Abstracts of Japan including translation of the abstract, specification and claims Publication number 11-277724 dated October 12, 1999
	AN	Patent Abstracts of Japan including translation of the abstract, specification and claims Publication number 11-263052 dated September 28, 1999
	AO	Patent Abstracts of Japan including translation of the abstract, specification and claims Publication number 09-272199 dated October 21, 1997
	AP	Patent Abstracts of Japan Publication number 63-199649 dated August 18, 1988
	AR	Patent Abstracts of Japan Publication number 61-047284 dated March 7, 1986
	AS	

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1746

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## U.S. PATENT DOCUMENTS

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	AB				

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
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WPF	AL	JP 09-254526 A	9/1997	JP		X
	AM	JP 08-164664 A	6/1996	JP		X
	AN	JP 05-221115 A	8/1993	JP		X
	AO	JP 07-246769 A	9/1995	JP		X
	AP	JP 08-252985 A	10/1996	JP		X
	AQ	JP 08-252883 A	10/1996	JP		X
	AR	JP 05-318943 A	12/1993	JP		X
	AS	JP 08-174989 A	7/1996	JP		X
	AT	JP 08-207429 A	8/1996	JP		X
	AU	JP 09-174995 A	7/1997	JP		X
	AV	JP 57-069054 A	4/1982	JP		X
	AW	JP 56-077154 A	6/1981	JP		X
	AX	JP 55-150396 A	11/1980	JP		X
	AY	JP 02-080279 A	3/1990	JP		X
V	AZ	JP 02-194958 A	8/1990	JP		X

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FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
WPF	AL	JP 58-128862 A	8/1983	JP		X
	AM	JP 03-240557 A	10/1991	JP		X
	AN	JP 10-081064 A	3/1998	JP	X	
	AO	JP 10-100397 A	4/1998	JP	X	
	AP	JP 11-058942 A	3/1999	JP	X	
	AQ	JP 11-115308 A	4/1999	JP	X	
	AR	JP 10-119420 A	5/1998	JP	X	
	AS	JP 10-119423 A	5/1998	JP	X	
	AT	JP 10-119424 A	5/1998	JP	X	
	AU	JP 10-175365 A	6/1998	JP	X	
	AV	JP 10-193776 A	7/1998	JP	X	
	AW	JP 10-203006 A	8/1998	JP	X	
	AX	JP 11-020300 A	1/1999	JP	X	
	AY	JP 11-020306 A	1/1999	JP	X	
	AZ	JP 07-276789 A	10/1995	JP	X	
	AA	JP 08-174992 A	7/1996	JP	X	
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